

Serial No.: 10/649,910
Amdt. dated 13 October 2006
Reply to Office Action of 02 October 2006

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Amendments to the Claims:

This listing will replace all previous listings and versions of the claims in the application:

Listing of claims:

1. (Original) A laser system for destroying bacteria in a bacterial locale, said system comprising:

- (a) a housing and a control;
- (b) a laser oscillator sub-system within said housing for causing the selective emission under said control of first radiation in a first wavelength range of 865nm to 875nm and the selective emission under said control of second radiation at a second wavelength range of 865nm to 875nm;
- (d) an optical channel for transmission of said first radiation and said second radiation from said laser oscillator sub-system; and
- (c) a head for enabling delivery of said first radiation and said second radiation from said laser oscillator sub-system through said optical channel to the site of said bacterial locale;
- (d) said first radiation and said second radiation being adapted to generate a chromophore from said bacterial locale and being adapted to cooperate with said chromophore to destroy bacteria in said bacterial locale.

2. (Original) The laser system of claim 1, wherein said transmission is simultaneous.

3. (Original) The laser system of claim 1, wherein said transmission is alternate.

4. (Original) The laser system of claim 1, wherein said transmission is multiplexed;

5. (Original) The laser system of claim 1, wherein said head includes an optical egress for said first radiation and said second radiation, and a scaling instrument.

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6. (Original) The laser system of claim 1, wherein said head includes an optical egress having a frosted tip.

7. (Original) The laser system of claim 1, wherein said head includes an optical egress and an otoscope.

8. (Original) The laser system of claim 1, wherein said head includes a digit clip and an optical egress therefrom.

9. (Original) The laser system of claim 1, wherein said head includes a stocking having an optical ingress from said laser oscillator and an optical egress to the inner surface of said stocking.

10. (Original) The laser system of claim 1, wherein said head includes a handle and an optical egress extending therefrom.

11. (Original) A laser system for destroying bacteria in a bacterial locale, said system comprising:

- (a) a housing and a control;
- (b) a laser oscillator sub-system within said housing for causing the selective emission under said control of first radiation narrowly at a first wavelength range of 870nm and the selective emission under said control of second radiation at a second wavelength range of 930nm; and
- (c) a head for delivering said first radiation and said second radiation from said laser oscillator sub-system to the site of said bacterial locale;
- (d) said first radiation and said second radiation being adapted to generate a chromophore from said bacterial locale and being adapted to cooperate with said chromophore to destroy bacteria in said bacterial locale.

12. (Original) The laser system of claim 11, wherein said transmission is simultaneous.

13. (Original) The laser system of claim 11, wherein said transmission is alternate.

14. (Original) The laser system of claim 11, wherein said transmission is multiplexed;

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15. (Original) The laser system of claim 11, wherein said head includes an optical egress for said first radiation and said second radiation, and a scaling instrument.

16. (Original) The laser system of claim 11, wherein said head includes an optical egress having a frosted tip.

17. (Original) The laser system of claim 11, wherein said head includes an optical egress and an otoscope.

18. (Original) The laser system of claim 11, wherein said head includes a digit clip and an optical egress therefrom.

19. (Original) The laser system of claim 11, wherein said head includes a stocking having an optical ingress from said laser oscillator and an optical egress to the inner surface of said stocking.

20. (Original) The laser system of claim 11, wherein said head includes a handle and an optical egress extending therefrom.

21. (Withdrawn) A process for destroying bacteria in a bacterial locale, said process comprising:

(a) energizing a laser to cause the selective emission of first radiation in a first wavelength range of 865nm to 875nm and the selective emission of second radiation at a second wavelength range of 865nm to 875nm;

(b) establishing a path for the transmission of said first radiation and said second radiation from said laser oscillator sub-system; and

(c) enabling delivery of said first radiation and said second radiation from said laser oscillator sub-system through said optical channel to the site of said bacterial locale;

(d) said first radiation and said second radiation generating a chromophore from said bacterial locale and cooperating with said chromophore to destroy bacteria in said bacterial locale.

22. (Withdrawn) A process for destroying bacteria in a bacterial locale, said process comprising:

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(a) energizing a laser to cause the selective emission of first radiation in the selected wavelength of 870nm and the selective emission of second radiation in the selective wavelength range of 930nm;

(b) establishing a path for the transmission of said first radiation and said second radiation from said laser oscillator sub-system; and

(c) enabling delivery of said first radiation and said second radiation from said laser oscillator sub-system through said optical channel to the site of said bacterial locale;

(d) said first radiation and said second radiation generating a chromophore from said bacterial locale and cooperating with said chromophore to destroy bacteria in said bacterial locale.